

COPY

141

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANTS: Fodor, Stephen P.A.
Stryer, Lubert
Pirrung, Michael C.
Read, J. Leighton
Hoeprich, Jr., Paul D.

(ii) TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis

(iii) NUMBER OF SEQUENCES: 36

(iv) CORRESPONDENCE ADDRESS:

2000 (A) ADDRESSEE: Vern Norviel
(B) STREET: One Market Plaza, Steuart Tower, Suite
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94105

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

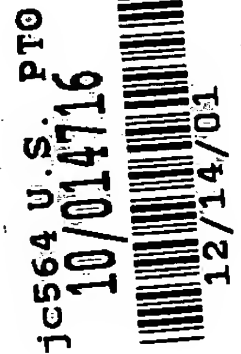
(A) APPLICATION NUMBER:
(B) FILING DATE: 30-NOV-1994
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Norviel
(B) REGISTRATION NUMBER: 32,483
(C) REFERENCE/DOCKET NUMBER: 16528A-1-3-1

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 415-326-2400
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(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Tyr Gly Gly Phe Leu
1 5

10014716-161401

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Pro Gly Gly Phe Leu
1 5

100446-4604

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Tyr Pro Gly Gly Phe Leu
1 5

10044716-121403

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Tyr Gly Ala Phe Leu Ser
1 5

10044716-124404

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Tyr Gly Ala Phe Ser
1 5

10044746-1004404

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Tyr Gly Ala Phe Leu
1 5

10044346.434444

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

Tyr Gly Gly Phe Leu Ser
1 5

10044715-1004471

(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 4 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

Tyr Gly Ala Phe

1

10014715-121401

(2) INFORMATION FOR SEQ ID NO:9:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

Tyr Gly Ala Leu Ser
1 5

100344716-124404

(2) INFORMATION FOR SEQ ID NO:10:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

Tyr Gly Gly Phe Ser
1 5

10044716-1004404

(2) INFORMATION FOR SEQ ID NO:11:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 4 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

Tyr Gly Ala Leu
1

100446-494404

(2) INFORMATION FOR SEQ ID NO:12:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

Tyr Gly Ala Phe Leu Phe
1 5

10014316-101401

(2) INFORMATION FOR SEQ ID NO:13:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

Tyr Gly Ala Phe Phe
1 5

10014716-121101

(2) INFORMATION FOR SEQ ID NO:14:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:

Tyr Gly Gly Leu Ser
1 5

10014716-131401

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:

Gly Gly Phe Leu
1

(2) INFORMATION FOR SEQ ID NO:16:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:

Tyr Gly Ala Phe Ser Phe
1 5

10014716-121401

(2) INFORMATION FOR SEQ ID NO:17:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 7 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:

Tyr Gly Ala Phe Leu Ser Phe
1 5

10014745-194404

(2) INFORMATION FOR SEQ ID NO:18:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:

Tyr Gly Ala Phe Met Gln
1 5

10014716.121401

(2) INFORMATION FOR SEQ ID NO:19:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:

Tyr Gly Ala Phe Met
1 5

10044346-10044346

(2) INFORMATION FOR SEQ ID NO:20:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:

Tyr Gly Ala Phe Gln
1 5

10014716.1001401

(2) INFORMATION FOR SEQ ID NO:21:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:

Tyr Gly Gly Phe Met
1 5

10014716-10014716

(2) INFORMATION FOR SEQ ID NO:22:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:

Tyr Ala Gly Phe Leu
1 5

10044745.434404

(2) INFORMATION FOR SEQ ID NO:23:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:

Tyr Ser Gly Phe Leu
1 5

10014716-1001401

(2) INFORMATION FOR SEQ ID NO:24:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:

Tyr Pro Gly Phe Leu
1 5

10044346-164404

(2) INFORMATION FOR SEQ ID NO:25:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 5 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:

Leu Gly Gly Phe Leu
1 5

10044346.124404

(2) INFORMATION FOR SEQ ID NO:26:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:

Phe Gly Gly Phe Leu
1 5

10014716-13404

(2) INFORMATION FOR SEQ ID NO:27:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:

Leu Ala Gly Phe Leu
1 5

1001445.134401

(2) INFORMATION FOR SEQ ID NO:28:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:

Phe Ala Gly Phe Leu
1 5

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Flow rate	1.0	L/min
Concentration	0.1	mol/L
pH	7.0	
Wavelength	254	nm
Scan rate	1.0	nm/min
Integration time	1.0	s
Resolution	0.5	nm
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	mm
Detector	Photodiode	
Sample	Water	
Reference	Water	
Blank	Water	
Path length	1.0	cm
Wavenumber	4000	cm ⁻¹
Resolution	4.0	cm ⁻¹
Scan rate	4.0	cm ⁻¹ /min
Integration time	1.0	s
Slit width	1.0	

(2) INFORMATION FOR SEQ ID NO:29:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:

Trp Gly Gly Phe Leu
1 5

10014715-121401

(2) INFORMATION FOR SEQ ID NO:30:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:

Tyr Gly Ala Gly Phe
1 5

10044346434441

(2) INFORMATION FOR SEQ ID NO:31:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 7 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:31:

Arg Gln Phe Lys Val Val Thr
1 5

10014716.124404

(2) INFORMATION FOR SEQ ID NO:32:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:

Arg Xaa Lys Val Val Thr
1 5

1001434344

(2) INFORMATION FOR SEQ ID NO:33:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 7 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:

Arg Gln Xaa Lys Val Val Thr
1 5

1004446-1004446

(2) INFORMATION FOR SEQ ID NO:34:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:

Arg Gln Xaa Phe Lys Val Val Thr
1 5

1976	1.8%
1977	2.2%
1978	2.5%
1979	2.8%
1980	3.1%
1981	3.4%
1982	3.7%
1983	4.0%
1984	4.3%
1985	4.6%
1986	4.9%
1987	5.2%
1988	5.5%
1989	5.8%
1990	6.1%
1991	6.4%
1992	6.7%
1993	7.0%
1994	7.3%
1995	7.6%
1996	7.9%
1997	8.2%
1998	8.5%
1999	8.8%
2000	9.1%
2001	9.4%
2002	9.7%
2003	10.0%
2004	10.3%
2005	10.6%
2006	10.9%
2007	11.2%
2008	11.5%
2009	11.8%
2010	12.1%
2011	12.4%
2012	12.7%
2013	13.0%
2014	13.3%
2015	13.6%
2016	13.9%
2017	14.2%
2018	14.5%
2019	14.8%
2020	15.1%
2021	15.4%
2022	15.7%
2023	16.0%
2024	16.3%
2025	16.6%
2026	16.9%
2027	17.2%
2028	17.5%
2029	17.8%
2030	18.1%
2031	18.4%
2032	18.7%
2033	19.0%
2034	19.3%
2035	19.6%
2036	19.9%
2037	20.2%
2038	20.5%
2039	20.8%
2040	21.1%
2041	21.4%
2042	21.7%
2043	22.0%
2044	22.3%
2045	22.6%
2046	22.9%
2047	23.2%
2048	23.5%
2049	23.8%
2050	24.1%
2051	24.4%
2052	24.7%
2053	25.0%
2054	25.3%
2055	25.6%
2056	25.9%
2057	26.2%
2058	26.5%
2059	26.8%
2060	27.1%
2061	27.4%
2062	27.7%
2063	28.0%
2064	28.3%
2065	28.6%
2066	28.9%
2067	29.2%
2068	29.5%
2069	29.8%
2070	30.1%
2071	30.4%
2072	30.7%
2073	31.0%
2074	31.3%
2075	31.6%
2076	31.9%
2077	32.2%
2078	32.5%
2079	32.8%
2080	33.1%
2081	33.4%
2082	33.7%
2083	34.0%
2084	34.3%
2085	34.6%
2086	34.9%
2087	35.2%
2088	35.5%
2089	35.8%
2090	36.1%
2091	36.4%
2092	36.7%
2093	37.0%
2094	37.3%
2095	37.6%
2096	37.9%
2097	38.2%
2098	38.5%
2099	38.8%
2100	39.1%
2101	39.4%
2102	39.7%
2103	40.0%
2104	40.3%
2105	40.6%
2106	40.9%
2107	41.2%
2108	41.5%
2109	41.8%
2110	42.1%
2111	42.4%
2112	42.7%
2113	43.0%
2114	43.3%
2115	43.6%
2116	43.9%
2117	44.2%
2118	44.5%
2119	44.8%
2120	45.1%
2121	45.4%
2122	45.7%
2123	46.0%
2124	46.3%
2125	46.6%
2126	46.9%
2127	47.2%
2128	47.5%
2129	47.8%
2130	48.1%
2131	48.4%
2132	48.7%
2133	49.0%
2134	49.3%
2135	49.6%
2136	49.9%
2137	50.2%
2138	50.5%
2139	50.8%
2140	51.1%
2141	51.4%
2142	51.7%
2143	52.0%
2144	52.3%
2145	52.6%
2146	52.9%
2147	53.2%
2148	53.5%
2149	53.8%
2150	54.1%
2151	54.4%
2152	54.7%
2153	55.0%
2154	55.3%

(2) INFORMATION FOR SEQ ID NO:35:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 7 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:

Arg Xaa Phe Lys Val Val Thr
1 5

10014716-121404

(2) INFORMATION FOR SEQ ID NO:36:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 4 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:

Lys Val Val Thr
1

100149-121404